

Title (en)
COMPOSITE MATERIALS

Title (de)
VERBUNDWERKSTOFFE

Title (fr)
MATÉRIAUX COMPOSITES

Publication
EP 3129428 A1 20170215 (EN)

Application
EP 15716038 A 20150410

Priority
• US 201414249380 A 20140410
• US 2015025036 W 20150409
• EP 2015057916 W 20150410

Abstract (en)
[origin: WO2015157486A1] A prepreg comprising a fibre reinforced curable resin, the curable resin being composed of 25 to 35 weight percent tetrafunctional epoxy resin based on the total weight of the curable resin; 18 to 28 weight percent difunctional epoxy resin; 4 to 18 weight percent polyether sulfone; 2 to 10 weight percent polyamide 12 particles; 2 to 10 weight percent polyamide 11 particles; 1 to 8 weight percent potato shaped graphite particles; and 17.4 to 27.4 weight percent of a curing agent for said curable resin.

IPC 8 full level
C08J 5/04 (2006.01); **B32B 5/28** (2006.01); **C08J 5/24** (2006.01); **C08K 3/04** (2006.01); **C08L 63/00** (2006.01)

CPC (source: CN EP GB US)
B32B 5/022 (2013.01 - CN EP); **B32B 5/024** (2013.01 - CN EP); **B32B 5/026** (2013.01 - CN EP); **B32B 5/26** (2013.01 - CN EP); **B32B 5/28** (2013.01 - GB); **B32B 7/12** (2013.01 - CN EP); **B32B 27/08** (2013.01 - CN EP); **B32B 27/20** (2013.01 - CN EP); **B32B 27/26** (2013.01 - CN EP); **B32B 27/285** (2013.01 - CN EP); **B32B 27/286** (2013.01 - CN EP); **B32B 27/38** (2013.01 - CN EP); **C08G 59/245** (2013.01 - EP); **C08G 59/3227** (2013.01 - EP); **C08G 59/5033** (2013.01 - EP); **C08J 5/04** (2013.01 - CN GB); **C08J 5/042** (2013.01 - CN EP); **C08J 5/043** (2013.01 - CN); **C08J 5/046** (2013.01 - CN); **C08J 5/243** (2021.05 - CN EP GB US); **C08J 5/249** (2021.05 - CN EP GB US); **C08K 3/04** (2013.01 - GB); **C08L 63/00** (2013.01 - CN EP GB); **B32B 2260/021** (2013.01 - CN EP); **B32B 2260/023** (2013.01 - EP); **B32B 2260/046** (2013.01 - CN EP); **B32B 2262/0269** (2013.01 - CN EP); **B32B 2262/101** (2013.01 - CN EP); **B32B 2262/106** (2013.01 - CN EP); **B32B 2264/0264** (2013.01 - CN EP); **B32B 2264/108** (2013.01 - CN EP); **B32B 2307/202** (2013.01 - EP); **B32B 2307/54** (2013.01 - CN EP); **B32B 2605/18** (2013.01 - CN EP); **C08J 2363/00** (2013.01 - CN EP); **C08J 2477/00** (2013.01 - CN); **C08J 2477/02** (2013.01 - CN EP); **C08J 2481/06** (2013.01 - EP); **C08K 2201/001** (2013.01 - CN); **C08K 2201/003** (2013.01 - CN); **C08L 2205/02** (2013.01 - CN); **C08L 2205/025** (2013.01 - CN); **C08L 2205/035** (2013.01 - CN)

Citation (search report)
See references of WO 2015155362A1

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WO 2015157486 A1 20151015; CN 106164168 A 20161123; CN 106170387 A 20161130; EP 3129428 A1 20170215; EP 3129428 B1 20200506; ES 2797694 T3 20201203; GB 201616485 D0 20161109; GB 2541132 A 20170208; JP 2017510683 A 20170413; JP 6670250 B2 20200318; WO 2015155362 A1 20151015

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